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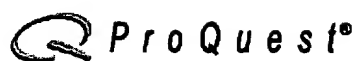
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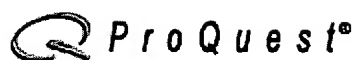
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>>>3 of the specified files are not available
      07apr06 14:41:17 User264751 Session D558.1
          $0.00      0.221 DialUnits FileHomeBase
      $0.00 Estimated cost FileHomeBase
      $0.19 TELNET
      $0.19 Estimated cost this search
      $0.19 Estimated total session cost      0.221 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

File 15:ABI/Inform(R) 1971-2006/Apr 07

(c) 2006 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2006/Apr 07

(c) 2006 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2006/Apr 07

(c)2006 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2006/Apr 07
(c) 2006 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2006/Apr 06
(c) 2006 The Gale Group

File 634:San Jose Mercury Jun 1985-2006/Apr 06
(c) 2006 San Jose Mercury News

File 47:Gale Group Magazine DB(TM) 1959-2006/Apr 07
(c) 2006 The Gale group

File 9:Business & Industry(R) Jul/1994-2006/Apr 06
(c) 2006 The Gale Group

File 623:Business Week 1985-2006/Apr 06
(c) 2006 The McGraw-Hill Companies Inc

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 624:McGraw-Hill Publications 1985-2006/Apr 07
(c) 2006 McGraw-Hill Co. Inc

***File 624: Homeland Security & Defense and 9 Platt energy journals added**

Please see HELP NEWS624 for more

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 20:Dialog Global Reporter 1997-2006/Apr 07
(c) 2006 Dialog

File 636:Gale Group Newsletter DB(TM) 1987-2006/Apr 06
(c) 2006 The Gale Group

File 635:Business Dateline(R) 1985-2006/Apr 07
(c) 2006 ProQuest Info&Learning

File 570:Gale Group MARS(R) 1984-2006/Apr 06
(c) 2006 The Gale Group

File 387:The Denver Post 1994-2006/Apr 06
(c) 2006 Denver Post

File 471:New York Times Fulltext 1980-2006/Apr 07
(c) 2006 The New York Times

File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers

***File 492: This file is no longer updating.**

File 494:St LouisPost-Dispatch 1988-2006/Apr 06
(c) 2006 St Louis Post-Dispatch

File 631:Boston Globe 1980-2006/Apr 06
(c) 2006 Boston Globe

File 633:Phil.Inquirer 1983-2006/Apr 06
(c) 2006 Philadelphia Newspapers Inc

File 638:Newsday/New York Newsday 1987-2006/Apr 06
(c) 2006 Newsday Inc.

File 640:San Francisco Chronicle 1988-2006/Apr 07
(c) 2006 Chronicle Publ. Co.

File 641:Rocky Mountain News Jun 1989-2006/Apr 06
(c) 2006 Scripps Howard News

File 702:Miami Herald 1983-2006/Apr 06
(c) 2006 The Miami Herald Publishing Co.

File 703:USA Today 1989-2006/Apr 06
(c) 2006 USA Today

File 704:(Portland)The Oregonian 1989-2006/Apr 06
(c) 2006 The Oregonian

File 713:Atlanta J/Const. 1989-2006/Apr 06
(c) 2006 Atlanta Newspapers

File 714:(Baltimore) The Sun 1990-2006/Apr 07

(c) 2006 Baltimore Sun

File 715:Christian Sci.Mon. 1989-2006/Apr 07
(c) 2006 Christian Science Monitor

File 725:(Cleveland)Plain Dealer Aug 1991-2006/Apr 06

(c) 2006 The Plain Dealer
 File 735:St. Petersburg Times 1989- 2006/Apr 06
 (c) 2006 St. Petersburg Times
 File 476:Financial Times Fulltext 1982-2006/Apr 08
 (c) 2006 Financial Times Ltd
 File 477:Irish Times 1999-2006/Apr 07
 (c) 2006 Irish Times
 File 710:Times/Sun.Times(London) Jun 1988-2006/Apr 07
 (c) 2006 Times Newspapers
 File 711:Independent(London) Sep 1988-2006/Apr 07
 (c) 2006 Newspaper Publ. PLC
***File 711: Use File 757 for full current day's news of the Independent, as**
as well as full coverage of many additional European news sources.
 File 756:Daily/Sunday Telegraph 2000-2006/Apr 07
 (c) 2006 Telegraph Group
 File 757:Mirror Publications/Independent Newspapers 2000-2006/Apr 07
 (c) 2006
 File 473:FINANCIAL TIMES ABSTRACTS 1998-2001/APR 02
 (c) 2001 THE NEW YORK TIMES
***File 473: This file will not update after March 31, 2001.**
 It will remain on Dialog as a closed file.
 File 474:New York Times Abs 1969-2006/Apr 06
 (c) 2006 The New York Times
 File 475:Wall Street Journal Abs 1973-2006/Apr 06
 (c) 2006 The New York Times
 File 35:Dissertation Abs Online 1861-2006/Mar
 (c) 2006 ProQuest Info&Learning
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
***File 583: This file is no longer updating as of 12-13-2002.**
 File 2:INSPEC 1898-2006/Mar W4
 (c) 2006 Institution of Electrical Engineers
 File 65:Inside Conferences 1993-2006/Apr 07
 (c) 2006 BLDSC all rts. reserv.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Mar
 (c) 2006 The HW Wilson Co.
 File 256:TecInfoSource 82-2006/Apr
 (c) 2006 Info.Sources Inc
 File 13:BAMP 2006/Mar W4
 (c) 2006 The Gale Group
 File 610:Business Wire 1999-2006/Apr 05
 (c) 2006 Business Wire.
***File 610: File 610 now contains data from 3/99 forward.**
 Archive data (1986-2/99) is available in File 810.
 File 613:PR Newswire 1999-2006/Apr 07
 (c) 2006 PR Newswire Association Inc
***File 613: File 613 now contains data from 5/99 forward.**
 Archive data (1987-4/99) is available in File 813.

Set	Items	Description
?	s	callback(w)scheme
	17575	CALLBACK
	2326556	SCHEME
	S1	15 CALLBACK(W) SCHEME
?	t	s1/free/all

1/8/1 (Item 1 from file: 15)
 DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

01267428 99-16824

****USE FORMAT 7 OR 9 FOR FULL TEXT****

AT&T turns to international callback to extend SDN WORD COUNT: 337

LENGTH: 1 Pages

Aug 5, 1996

COMPANY NAMES:

AT&T Corp (DUNS:00-698-0080 TICKER:T)

GEOGRAPHIC NAMES: US

DESCRIPTORS: Telephone companies; Long distance; Telephone service; Cost reduction; International

CLASSIFICATION CODES: 8330 (CN=Broadcasting & telecommunications); 9180 (CN=International); 9190 (CN=United States)

1/8/2 (Item 2 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00328668 86-29082

A Pauper's Callback Scheme LENGTH: 4 Pages

Jun 1986

DESCRIPTORS: Computer security; Modems ; Computer peripherals; Security systems; Protocol

CLASSIFICATION CODES: 5220 (CN=Data processing management); 5140 (CN=Security)

1/8/3 (Item 1 from file: 16)

DIALOG(R)File 16:(c) 2006 The Gale Group. All rts. reserv.

05288704 Supplier Number: 48053957 (USE FORMAT 7 FOR FULLTEXT)

Connecting With Small Office ISDN On A Budget

Oct 15, 1997

Word Count: 2001

PUBLISHER NAME: CMP Publications, Inc.

EVENT NAMES: *360 (Services information)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *4811200 (Data Transmission Services); 3661200 (Telecommunication Systems NEC)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 51331 (Wired Telecommunications Carriers); 33421 (Telephone Apparatus Manufacturing)

1/8/4 (Item 2 from file: 16)

DIALOG(R)File 16:(c) 2006 The Gale Group. All rts. reserv.

04999810 Supplier Number: 47342596 (USE FORMAT 7 FOR FULLTEXT)

TELOQUENT

May, 1997

Word Count: 425

PUBLISHER NAME: Miller Freeman, Inc.

COMPANY NAMES: *Teloquent Communications Corp.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372672 (Telephone Management Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 51121 (Software Publishers)

SPECIAL FEATURES: COMPANY

1/8/5 (Item 3 from file: 16)

DIALOG(R)File 16:(c) 2006 The Gale Group. All rts. reserv.

03452119 Supplier Number: 44815169 (USE FORMAT 7 FOR FULLTEXT)

Galaxy: Cross-Platform Development Star

July 4, 1994

Word Count: 2437

PUBLISHER NAME: CMP Publications, Inc.

EVENT NAMES: *390 (Nonmanufacturing technology)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372500 (Operating Systems & Utilities)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); LAW (Law)

NAICS CODES: 51121 (Software Publishers)

1/8/6 (Item 4 from file: 16)

DIALOG(R)File 16:(c) 2006 The Gale Group. All rts. reserv.

01014067 Supplier Number: 41108802

Union Pacific employs ANI to lay claim to rail market

Jan 8, 1990

PUBLISHER NAME: Network World, Inc.

COMPANY NAMES: *Rockwell Telecommunications Inc.; Union Pacific Railroad Co.

EVENT NAMES: *440 (Facilities & equipment); 330 (Product information)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *4010000 (Railroads); 3661130 (Automatic Call Distributors)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 48211 (Rail Transportation); 33421 (Telephone Apparatus Manufacturing)

SPECIAL FEATURES: INDUSTRY; COMPANY

1/8/7 (Item 1 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

02226725 SUPPLIER NUMBER: 21164123 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Windows NT 5.0 brings you new telephony development features with TAPI 3.0.

(Product Information)

Nov, 1998

WORD COUNT: 6735 LINE COUNT: 00573

SPECIAL FEATURES: illustration; table; chart; program

COMPANY NAMES: Microsoft Corp.--Products

DESCRIPTORS: Application Programming Interface; Product Description/Specification; Product Application; Computer-Telephone Integration

PRODUCT/INDUSTRY NAMES: 7372502 (Operating Systems)

SIC CODES: 7372 Prepackaged software

TICKER SYMBOLS: MSFT

TRADE NAMES: Microsoft Windows NT 5.0 (Operating system)--Design and construction

FILE SEGMENT: CD File 275

1/8/8 (Item 2 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

01863819 SUPPLIER NUMBER: 17449934 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**International callback.(includes related articles on the International
callback book, procedures for looking for the service and selling or
buying callback equipment)**

Sep, 1995

WORD COUNT: 2933 LINE COUNT: 00240

DESCRIPTORS: International Communications; Industry Trend; Market
Trend/Market Analysis
SIC CODES: 3661 Telephone and telegraph apparatus
FILE SEGMENT: CD File 275

1/8/9 (Item 1 from file: 623)

DIALOG(R)File 623:(c) 2006 The McGraw-Hill Companies Inc. All rts. reserv.

00731691

**TRY BEATING THESE LONG-DISTANCE RATES: More and more, the technically
adept are making cheap calls over the Internet**

Business Week

April 22, 1996

WORD COUNT: 1,229

COMPANY NAMES: ACTA ; AT&T ; Carriers Telecommunication Assn ; Columbia
University ; Connectix ; CEO of Voxware Inc ; Dialogic Corp ; Federal
Communications Commission ; INTEL AND MICROSOFT ; Microsoft Corp ; MCI ;
Netscape Communications Corp ; Quarterdeck ; U S West Communications
Group ; VocalTec ; White Pine

1/8/10 (Item 2 from file: 623)

DIALOG(R)File 623:(c) 2006 The McGraw-Hill Companies Inc. All rts. reserv.

0703167

LONDON CALLING-ON THE CHEAP

Business Week

October 23, 1995

WORD COUNT: 200

COMPANY NAMES: Camelot ; INTERNATIONAL DISCOUNT Telecommunications ;
VocalTec

1/8/11 (Item 1 from file: 624)

DIALOG(R)File 624:(c) 2006 McGraw-Hill Co. Inc. All rts. reserv.

00752513

**TRY BEATING THESE LONG-DISTANCE RATES: More and more, the technically
adept are making cheap calls over the Internet**

April 22, 1996

WORD COUNT: 1,229

COMPANY NAMES: ACTA ; AT&T ; Carriers Telecommunication Assn ; Columbia
University ; Connectix ; CEO of Voxware Inc ; Dialogic Corp ; Federal
Communications Commission ; INTEL AND MICROSOFT ; Microsoft Corp ; MCI ;
Netscape Communications Corp ; Quarterdeck ; U S West Communications
Group ; VocalTec ; White Pine

1/8/12 (Item 2 from file: 624)

DIALOG(R)File 624:(c) 2006 McGraw-Hill Co. Inc. All rts. reserv.

0703167

LONDON CALLING-ON THE CHEAP

October 23, 1995

WORD COUNT: 200

COMPANY NAMES: Camelot ; INTERNATIONAL DISCOUNT Telecommunications ;
VocalTec

1/8/13 (Item 1 from file: 710)

DIALOG(R)File 710:(c) 2006 Times Newspapers. All rts. reserv.

12695042

BILL-PAYER MAKES A STAND FOR CUSTOMERS' RIGHT TO PRIVACY

Monday, July 14, 1997

Word Count: 454

1/8/14 (Item 1 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts. reserv.

05319747 INSPEC Abstract Number: C9302-6150J-026

Title: Timed callbacks in C++

Publication Date: Oct. 1992

Document Type: Journal Paper (JP)

Treatment: Practical (P)

Descriptors: C listings; clocks; computerised control; controllers;
moisture control; real-time systems; supervisory programs

Identifiers: function queueing; real time clock series; embedded systems;
C++; timed- **callback scheme** ; embedded moisture controller; bounded
priority queue

Class Codes: C6150J (Operating systems); C7420 (Control engineering);
C3120Z (Other nonelectric variables); C3220 (Controllers)

1/8/15 (Item 2 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03736748 INSPEC Abstract Number: B86059624, C86048187

Title: A pauper's callback scheme

Publication Date: June 1986

Document Type: Journal Paper (JP)

Treatment: Practical (P)

Descriptors: protocols; security of data

Identifiers: challenge protocol; pass algorithm; **callback scheme** ;
protocol

Class Codes: B6150 (Communication switching theory); B6210L (Computer
communications); C5620 (Computer networks and techniques)

? t s1/7/2

1/7/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

00328668 86-29082

A Pauper's Callback Scheme

Bishop, Matt

Computers & Security v5n2 PP: 141-144 Jun 1986 CODEN: CPSEDU ISSN:

0167-4048 JRNL CODE: CSC

DOC TYPE: Journal article LANGUAGE: English LENGTH: 4 Pages

ABSTRACT: People and computers often communicate with each other over a telephone line, which leads to the need for a method of verifying the identity of callers. One method of authenticating callers is using a device termed a callback modem, but there are problems associated with this scheme. For example, it cannot be used between 2 computers because they may become deadlocked in a cycle of calling each other. However, if a computer has both dial-out and dial-in telephone lines, a **callback scheme** in software may be implemented without using a callback modem. Preventing deadlock only requires a small change to the original protocol. The advantages of this method include: 1. No new equipment need be purchased. 2. Users may call in from any telephone number. 3. The computer provides an audit trail of numbers and users called. To prevent wiretapping from unauthorized users, 2 methods may be used: 1. the challenge protocol, and 2. the pass-algorithm technique. Both rely on a password and an algorithm for changing the password after each use. Most of the weaknesses of the scheme described also exist with callback modems.

? s communication(w)security(w)network(w)management

Processing

Processing

Processed 10 of 52 files ...

Completed processing all files

3529260 COMMUNICATION

11552229 SECURITY

10857705 NETWORK

20765876 MANAGEMENT

S2 2 COMMUNICATION(W)SECURITY(W)NETWORK(W)MANAGEMENT

? t s2/free/all

2/8/1 (Item 1 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00296111 85-36545

Communication Security Network Management LENGTH: 3 Pages

Oct 1985

DESCRIPTORS: Computer security; Data communications; Methods; Systems

CLASSIFICATION CODES: 5140 (CN=Security); 9120 (CN=Product specific)

2/8/2 (Item 1 from file: 148)

DIALOG(R)File 148:(c)2006 The Gale Group. All rts. reserv.

02436005 SUPPLIER NUMBER: 03963610

Communication security network management .

Oct, 1985

SPECIAL FEATURES: illustration; chart

INDUSTRY CODES/NAMES: TELC Telecommunications

DESCRIPTORS: Data transmission systems--Safety and security measures;
Computer networks--Safety and security measures

SIC CODES: 3660 Communications Equipment

FILE SEGMENT: TI File 148

? t s2/9/2

2/9/2 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

02436005 SUPPLIER NUMBER: 03963610

Communication security network management .

Moseley, Donald R.

Telecommunications, v19, p82(3)

Oct, 1985

LANGUAGE: ENGLISH RECORD TYPE: CITATION

CAPTIONS: Operation with DK1125 authentication. (chart)

SPECIAL FEATURES: illustration; chart

INDUSTRY CODES/NAMES: TELC Telecommunications

DESCRIPTORS: Data transmission systems--Safety and security measures;

Computer networks--Safety and security measures

SIC CODES: 3660 Communications Equipment

FILE SEGMENT: TI File 148

? t s2/7/1

2/7/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00296111 85-36545

Communication Security Network Management

Moseley, Donald R.

Telecommunications v19n10 PP: 82-86 Oct 1985 CODEN: TLCOAY ISSN:

0040-2494 JRNL CODE: TEC

DOC TYPE: Journal article LANGUAGE: English LENGTH: 3 Pages

ABSTRACT: The most challenging security problem in data communications concerns dial-up communication. Most systems have password protection but can still be accessed by system programmers and maintenance personnel. Data encryption is the most secure method of protecting information transmitted between the host computer and remote terminals. Computer ports also require protection in order to prevent access to data stored in the computer. The callback method of port protection requires the user to call in and enter a password. The computer then calls the user back. The 'handshake' is another port protection method. The DL1000, made by Optimum Electronics Inc., uses the handshake approach. The system provides password protection, as well as a logging function to log port activity.

? s optimum(2w)electronics

437462 OPTIMUM

4583726 ELECTRONICS

S3 60 OPTIMUM(2W)ELECTRONICS

? s dl1000

S4 50 DL1000

? s s3 and s4

60 S3

50 S4

S5 3 S3 AND S4

? t s5/free/all

5/8/1 (Item 1 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00296111 85-36545

Communication Security Network Management LENGTH: 3 Pages

Oct 1985

DESCRIPTORS: Computer security; Data communications; Methods; Systems
CLASSIFICATION CODES: 5140 (CN=Security); 9120 (CN=Product specific)

5/8/2 (Item 1 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

01236522 SUPPLIER NUMBER: 06202714 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Controlling dialup access.

Jan, 1988

WORD COUNT: 960 LINE COUNT: 00076

DESCRIPTORS: Computer Systems; Security
SIC CODES: 3571 Electronic computers
FILE SEGMENT: CD File 275

5/8/3 (Item 1 from file: 810)

DIALOG(R)File 810:(c) 1999 Business Wire . All rts. reserv.

0030780 BW691

HIGH TECHNOLOGY: HITK affiliate begins plans for public offering

November 24, 1986

Byline: Business Editors

Word Count: 260

? t s5/7/2

5/7/2 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

01236522 SUPPLIER NUMBER: 06202714 (THIS IS THE FULL TEXT)
Controlling dialup access.

Johnston, R.E.

Infosystems, v35, n1, p28(1)

Jan, 1988

TEXT:

Controlling Dialup Access

Dialup access to data centers that are processing sensitive information is growing rapidly. This growth is the result of two factors: a greater need for timely information; and the availability of modest-cost tools to accomplish such access. Couple this with ever-increasing communications speed and the result is a demand for dialup security that many never anticipated.

Many companies are in better shape than they realize, but dialup access must still be carefully reviewed. Start with an overview of network control.

Is sign-on required to all services? Are threshold levels set to disable IDs that make too many attempts with an incorrect password? Is individual access limited only to those on-line services required? Once an ID has gained access to the system, are thresholds set to terminate the session and disable the ID if too many violations occur? Is an individual limited to using terminals that are in his or her normal work area? Is the computer's console always supervised when operating? Are the operators sensitive to system-entry violations and periodically tested on their

knowledge?

With such a set of controls in place, it becomes very difficult for an unauthorized individual to penetrate your system even after gaining access to the network menu. If you do not have all of the controls installed, some are more important than others. Most important is a sign-on procedure for all services. Second is the automatic disabling of IDs that make too many attempts with an incorrect password.

The other item of major importance is limiting the use of dialup terminal addresses to those who are authorized for dialup access. This is in addition to any other controls that may be added at the point where dialup access initially occurs. With this control in place, an individual must not only penetrate all of the controls at the dialup entry point, but must also discover an ID and password for the appropriate service and dialup address.

As for packet-switched dialup versus commercial circuit dialup (such as AT&T, MCI or Sprint), all controls mentioned are important to both. If the controls offered by your packet-switched carrier are being used effectively, additional controls are not normally needed at the dialup entry point. Nearly all of the following controls discussed for commercial circuit dialup can be used for packet-switched circuits, however.

The first point of control for commercial circuits is telephone numbers. They should be treated as confidential and given only to those authorized. In addition, they should not be in the corporate exchange nor in any exchange that is predominantly business. Whenever possible, arrange to have them in a residential exchange.

A second point of control is technical compatibility. Consider making the combination of technical requirements uncommon and difficult to discover. Several factors including terminal type, baud rate, bits per character and others could make a successful linkup very difficult. Unfortunately, the tighter this control, the less flexible your company is with regard to the brands and types of hardware and software it can use.

Another point of control is frequently overlooked: the protocol converter. This modestly priced device allows incompatible hardware to linkup with the host. Its primary function is to take dissimilar attributes of the remote device and transform them into the format expected by the host. Many also provide security as well. Packet-switched links may also be attached to a protocol converter.

If all dialup access passes through a protocol converter with security controls, further controls may be unnecessary. If you do require additional hardware, a couple of products are worth considering. The following are competitively priced and offer great flexibility:

- * **DL1000** by **Optimum Electronics**, North Haven, CT. (For more information, enter No. 31 on the Reader Information Card.)

- * **DataLock 4000** by **MicroFrame**, Cranberry, NJ. (Enter No. 32.)

The most common way to effectively limit dialup access is callback. This process automatically returns the phone call of an authenticated user to establish a linkup from a predetermined location. It is effective, but awkward, and not always practical.

Callback security is only one of several ways to achieve this control, however. Hardware-to-hardware or software-to-hardware authentication is possible. This is where the dialup security device issues a challenge to the calling device, and the remote device must make a valid reply. In this situation, the user is not involved; the authentication is done automatically.

Another security option requires participation by the user. An ID and password can be used, or a token can provide a reply to be entered at the keyboard in response to a challenge made by the dialup security device. Audit trails are a common attribute of these tools. Some are quite sophisticated and will even communicate dialup problems to the host so the host ID can be disabled as well.

This new generation of dialup authentication hardware is flexible and

generally capable of incorporating new techniques into its hardware quickly. The major drawback to this class of hardware is the specialized skills needed to set up and maintain it. Vendors appear to be quite willing to assist in this matter, but it does require a degree of commitment that many companies may not be willing to make.

The day will come when administration and management of dialup security hardware is user friendly. At that point, nearly all with dialup lines will consider security hardware a necessity. Today, it is only for those with specific needs.

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? ds

Set	Items	Description
S1	15	CALLBACK(W) SCHEME
S2	2	COMMUNICATION(W) SECURITY(W) NETWORK(W) MANAGEMENT
S3	60	OPTIMUM(2W) ELECTRONICS
S4	50	DL1000
S5	3	S3 AND S4

? s (callback or (call(w)back)) (2w) (system or systems or server)

Processing

Processed 10 of 52 files ...

Processing

Processed 20 of 52 files ...

Processing

Processed 40 of 52 files ...

Processing

Completed processing all files

17575	CALLBACK
12771242	CALL
18446420	BACK
60143	CALL(W) BACK
19102385	SYSTEM
16617246	SYSTEMS
2061966	SERVER

S6 1132 (CALLBACK OR (CALL(W) BACK)) (2W) (SYSTEM OR SYSTEMS OR SERVER)

? s pd<20010210

```
>>>File 15 processing for PD= : PD=20010210
>>> started at PD=710000 stopped at PD=911213
>>>File 16 processing for PD= : PD=20010210
>>> started at PD=19900101 stopped at PD=19950623
>>>File 160 processing for PD= : PD=20010210
>>> started at PD=2103 stopped at PD=770314
>>>File 148 processing for PD= : PD=20010210
>>> started at PD=140105 stopped at PD=820630
>>>File 621 processing for PD= : PD=20010210
>>> started at PD=00000000 stopped at PD=19910208
Processing
>>>File 275 processing for PD= : PD=20010210
>>> started at PD=140103 stopped at PD=871004
>>>File 634 processing for PD= : PD=20010210
>>> started at PD=12/7/04 stopped at PD=891027
>>>File 47 processing for PD= : PD=20010210
>>> started at PD=590100 stopped at PD=631127
>>>File 9 processing for PD= : PD=20010210
>>> started at PD=871119 stopped at PD=980209
Processed 10 of 52 files ...
>>>File 810 processing for PD= : PD=20010210
>>> started at PD=850116 stopped at PD=911124
>>>File 624 processing for PD= : PD=20010210
```

```

>>> started at PD=104 stopped at PD=911015
>>>File 813 processing for PD= : PD=20010210
>>> started at PD=100000 stopped at PD=900909
Processing
Processing
>>>File 636 processing for PD= : PD=20010210
>>> started at PD=19880101 stopped at PD=19940323
Processing
>>>File 635 processing for PD= : PD=20010210
>>> started at PD=1190 stopped at PD=900817
>>>File 570 processing for PD= : PD=20010210
>>> started at PD=19840102 stopped at PD=19910623
>>>File 387 processing for PD= : PD=20010210
>>> started at PD=931204 stopped at PD=980520
>>>File 471 processing for PD= : PD=20010210
>>> started at PD=100904 stopped at PD=830616
>>>File 492 processing for PD= : PD=20010210
>>> started at PD=11/10/99 stopped at PD=900812
Processed 20 of 52 files ...
>>>File 494 processing for PD= : PD=20010210
>>> started at PD=2/7/2001 stopped at PD=920430
>>>File 631 processing for PD= : PD=20010210
>>> started at PD=11/14/99 stopped at PD=840406
>>>File 633 processing for PD= : PD=20010210
>>> started at PD=830101 stopped at PD=870714
>>>File 638 processing for PD= : PD=20010210
>>> started at PD=25, stopped at PD=910521
>>>File 640 processing for PD= : PD=20010210
>>> started at PD=850209 stopped at PD=920508
>>>File 641 processing for PD= : PD=20010210
>>> started at PD=890523 stopped at PD=931001
>>>File 702 processing for PD= : PD=20010210
>>> started at PD=801018 stopped at PD=870426
Processing
>>>File 703 processing for PD= : PD=20010210
>>> started at PD=880531 stopped at PD=941107
>>>File 704 processing for PD= : PD=20010210
>>> started at PD=890101 stopped at PD=930513
>>>File 713 processing for PD= : PD=20010210
>>> started at PD=880117 stopped at PD=930421
>>>File 714 processing for PD= : PD=20010210
>>> started at PD=900903 stopped at PD=950128
>>>File 715 processing for PD= : PD=20010210
>>> started at PD=890103 stopped at PD=960620
Processed 30 of 52 files ...
>>>File 735 processing for PD= : PD=20010210
>>> started at PD=25UARY stopped at PD=940605
>>>File 476 processing for PD= : PD=20010210
>>> started at PD=19820102 stopped at PD=19881015
>>>File 710 processing for PD= : PD=20010210
>>> started at PD=880601 stopped at PD=921019
>>>File 711 processing for PD= : PD=20010210
>>> started at PD=880919 stopped at PD=931010
>>>File 474 processing for PD= : PD=20010210
>>> started at PD=101111 stopped at PD=730428
>>>File 475 processing for PD= : PD=20010210
>>> started at PD=191111 stopped at PD=800108
>>>One or more prefixes are unsupported
>>> or undefined in one or more files.
>>>File 583 processing for PD= : PD=20010210
>>> started at PD=100001 stopped at PD=872020

```

Processing

>>>File 99 processing for PD= : PD=20010210

>>> started at PD=DEC.1200 stopped at PD=19910204

Processed 50 of 52 files ...

Completed processing all files

S731211114 PD<20010210

? ds

Set	Items	Description
S1	15	CALLBACK(W) SCHEME
S2	2	COMMUNICATION(W) SECURITY(W) NETWORK(W) MANAGEMENT
S3	60	OPTIMUM(2W) ELECTRONICS
S4	50	DL1000
S5	3	S3 AND S4
S6	1132	(CALLBACK OR (CALL(W) BACK)) (2W) (SYSTEM OR SYSTEMS OR SERVE- R)

S7 31211114 PD<20010210

? s s6 and s7

1132	S6
31211114	S7
S8	275 S6 AND S7

? s (password or passcode or pin or (personal(w) (identification or id or identifier))

>>>Unmatched parentheses

? s password or passcode or pin or (pass(w) (word or code)) or (personal(w) identification)

Processing

Processed 10 of 52 files ...

Completed processing all files

292794	PASSWORD
137989	PASSCODE
591575	PIN
3094962	PASS
3083918	WORD
3070989	CODE
68376	PASS(W) (WORD OR CODE)
7347945	PERSONAL
1176232	IDENTIFICATION
42469	PERSONAL(W) IDENTIFICATION
S9 1090462	PASSWORD OR PASSCODE OR PIN OR (PASS(W) (WORD OR CODE)) OR (PERSONAL(W) IDENTIFICATION)

? s s9 and s8

1090462	S9
275	S8
S10	33 S9 AND S8

? t s10/free/all

10/8/1 (Item 1 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00569976 91-44327

USE FORMAT 7 OR 9 FOR FULL TEXT

Data Security Experts Say Errors Are Greatest Threat WORD COUNT: 1901

LENGTH: 3 Pages

Sep 9, 1991

GEOGRAPHIC NAMES: US

DESCRIPTORS: Computer security; Protection; Techniques; Prevention; Access control; Computer viruses

CLASSIFICATION CODES: 5220 (CN=Data processing management); 5140

(CN=Security); 9190 (CN=United States)

10/8/2 (Item 2 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00561892 91-36247

What Corporate Users Should Know About Data Network Security LENGTH: 3
Pages
May 1991

DESCRIPTORS: Computer security; Communications networks; Access control;
Data encryption; Passwords; Selection; Recommendations
CLASSIFICATION CODES: 5140 (CN=Security); 5250 (CN=Telecommunications
systems)

10/8/3 (Item 3 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00526193 91-00537

Keep Your Data Secure LENGTH: 4 Pages

Dec 1, 1990

COMPANY NAMES:

Computer Associates Inc

Clyde (DUNS:05-999-7718)

Computer Security Consultants Inc

Fischer International Systems Corp

ThumbScan Inc

GEOGRAPHIC NAMES: US

DESCRIPTORS: Computer security; Data integrity; Data encryption;
Implementations; Security systems; Access control; Local area networks;
Manycompanies; Manyproducts
CLASSIFICATION CODES: 5140 (CN=Security); 5220 (CN=Data processing
management); 5250 (CN=Telecommunications systems); 9190 (CN=United
States)

10/8/4 (Item 4 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00400724 88-17557

Tough Countermeasures Thwart Hackers who Attack Vital Data LENGTH: 3
Pages

Apr 1988

DESCRIPTORS: Computer security; Data encryption; Access; Control; Methods
CLASSIFICATION CODES: 5220 (CN=Data processing management); 5140
(CN=Security)

10/8/5 (Item 5 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00349106 87-07940

Security Planning: Take a Byte out of Crime LENGTH: 4 Pages

Feb 4, 1987

DESCRIPTORS: Computer security; Security systems; Safeguards; Protection
CLASSIFICATION CODES: 5140 (CN=Security); 5220 (CN=Data processing
management)

10/8/6 (Item 6 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00260922 85-01355

Micro Networks Worthy of Mainframe-Type Protection LENGTH: 1 Pages

Oct 29, 1984

DESCRIPTORS: Microcomputers; Computer networks; Computer security; Internal controls; Data encryption

CLASSIFICATION CODES: 5140 (CN=Security); 5220 (CN=Data processing management)

10/8/7 (Item 7 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00260837 85-01270

Securing and Managing Dial-In Networks LENGTH: 3 Pages

Oct 1984

DESCRIPTORS: Computer networks; Decentralized; Data bases; Computer security; Data communications; Data encryption; Local area networks

CLASSIFICATION CODES: 5220 (CN=Data processing management); 5140 (CN=Security)

10/8/8 (Item 8 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00248601 84-27161

Callback Security System Prevents Unauthorized Computer Access

LENGTH: 6 Pages

Jul 1984

DESCRIPTORS: Computer security; Systems; Telecommunications systems

CLASSIFICATION CODES: 5220 (CN=Data processing management); 5140 (CN=Security); 5250 (CN=Telecommunications systems)

10/8/9 (Item 9 from file: 15)

DIALOG(R)File 15:(c) 2006 ProQuest Info&Learning. All rts. reserv.

00045002 76-10837

DATA ON 6 MILLION STUDENTS GETS DELICATE TREATMENT

SEPT. 20, 1976

DESCRIPTORS: Privacy Act 1974-US; Compliance; Colleges & universities; Testing; Programs; Computer security

CLASSIFICATION CODES: 1100 (CN=Economics); 4300 (CN=Law); 5200 (CN=Communications & information management)

10/8/10 (Item 1 from file: 16)

DIALOG(R)File 16:(c) 2006 The Gale Group. All rts. reserv.

03773775 Supplier Number: 45365621 (USE FORMAT 7 FOR FULLTEXT)

Spotlight on Call Routing Applications: Adding Fax to a Call Back System

March, 1995
Word Count: 1076
PUBLISHER NAME: Miller Freeman, Inc.
EVENT NAMES: *340 (Product specifications)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *3661130 (Automatic Call Distributors)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
NAICS CODES: 33421 (Telephone Apparatus Manufacturing)

10/8/11 (Item 2 from file: 16)
DIALOG(R)File 16:(c) 2006 The Gale Group. All rts. reserv.

01407945 Supplier Number: 41679506 (USE FORMAT 7 FOR FULLTEXT)
Networks: Building A Hospital Without Walls Off-site access to hospital data is a popular goal, but implementation lags the technology
Nov 19, 1990
Word Count: 2035
PUBLISHER NAME: CMP Publications, Inc.
EVENT NAMES: *360 (Services information)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7375900 (Database Providers NEC)
INDUSTRY NAMES: BUSN (Any type of business); HLTH (Healthcare - Medical and Health)
NAICS CODES: 514191 (On-Line Information Services)

10/8/12 (Item 1 from file: 621)
DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01112081 Supplier Number: 40828088 (USE FORMAT 7 FOR FULLTEXT)
JDS INTRODUCES NEW CALL-BACK SECURITY FEATURE, AUDIT TRAIL & SPEED TO HYDRA II
June 14, 1989
Word Count: 672
PUBLISHER NAME: Various
COMPANY NAMES: *JDS Microprocessing; JDS MicroProcessing
EVENT NAMES: *330 (Product information)
GEOGRAPHIC NAMES: *1USA (United States); 1U9CA (California)
PRODUCT NAMES: *3662364 (Access Control Systems)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 33429 (Other Communications Equipment Manufacturing)
TRADE NAMES: HYDRA II

10/8/13 (Item 2 from file: 621)
DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01091666 Supplier Number: 40572862 (USE FORMAT 7 FOR FULLTEXT)
SECURE TELECOM LAUNCHES MULTI-FUNCTION ENCRYPTOR
Nov 14, 1988
Word Count: 1303
PUBLISHER NAME: Various
COMPANY NAMES: *Secure Telecom
EVENT NAMES: *330 (Product information)
GEOGRAPHIC NAMES: *1USA (United States); 1U9CA (California)
PRODUCT NAMES: *3662627 (Encryption/Decryption Equip); 3661271 (Data Modems)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 33429 (Other Communications Equipment Manufacturing); 334418

(Printed Circuit Assembly (Electronic Assembly) Manufacturing)
TRADE NAMES: Multi-Function Encryptor; MFE

10/8/14 (Item 3 from file: 621)

DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01046488 Supplier Number: 40106289 (USE FORMAT 7 FOR FULLTEXT)
**THUMBSCAN INC. ANNOUNCES COMPACT, COST-EFFICIENT ID SYSTEM FOR REMOTE USER
AUTHENTICATION**

July 9, 1987

Word Count: 489

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *ThumbScan Inc.

EVENT NAMES: *330 (Product information)

GEOGRAPHIC NAMES: *1U3IL (Illinois)

PRODUCT NAMES: *3832524 (Optical Scanners); 3662364 (Access Control
Systems)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 333314 (Optical Instrument and Lens Manufacturing); 33429 (Other Communications Equipment Manufacturing)

10/8/15 (Item 4 from file: 621)

DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01044485 Supplier Number: 40084665 (USE FORMAT 7 FOR FULLTEXT)
**THUMBSCAN INC.'S UNIQUE FINGERPRINT IMAGING VERIFIES AUTHORIZED USERS
BEYOND A DOUBT**

June 15, 1987

Word Count: 421

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *ThumbScan Inc.

EVENT NAMES: *330 (Product information)

GEOGRAPHIC NAMES: *1U3IL (Illinois)

PRODUCT NAMES: *3662364 (Access Control Systems); 3832524 (Optical
Scanners)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 33429 (Other Communications Equipment Manufacturing); 333314
(Optical Instrument and Lens Manufacturing)

10/8/16 (Item 5 from file: 621)

DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01044484 Supplier Number: 40084664 (USE FORMAT 7 FOR FULLTEXT)
**THUMBSCAN INC. ANNOUNCES FOOLPROOF FINGERPRINT ID FOR REMOTE USER
AUTHENTICATION**

June 15, 1987

Word Count: 498

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *ThumbScan Inc.

EVENT NAMES: *330 (Product information)

GEOGRAPHIC NAMES: *1U3IL (Illinois)

PRODUCT NAMES: *3662364 (Access Control Systems); 3832524 (Optical
Scanners)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 33429 (Other Communications Equipment Manufacturing); 333314
(Optical Instrument and Lens Manufacturing)

10/8/17 (Item 6 from file: 621)

DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01009753 Supplier Number: 39588944 (USE FORMAT 7 FOR FULLTEXT)

ANCHOR EXPANDS SIGNALMAN FAMILY WITH 1200 BPS SECURITY CALLBACK MODEM

Sept 11, 1985

Word Count: 743

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Anchor Automation Inc.

GEOGRAPHIC NAMES: *1U9CA (California)

PRODUCT NAMES: *3661270 (Modems)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 334418 (Printed Circuit Assembly (Electronic Assembly)

Manufacturing)

TRADE NAMES: Signalman Secure 12

10/8/18 (Item 7 from file: 621)

DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01008373 Supplier Number: 39574453 (USE FORMAT 7 FOR FULLTEXT)

Backus Data Systems, Inc. recently announced a new addition to its growing list of Data Security product models.

August 22, 1985

Word Count: 209

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Backus Data Systems

GEOGRAPHIC NAMES: *1U9CA (California)

PRODUCT NAMES: *3662364 (Access Control Systems)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 33429 (Other Communications Equipment Manufacturing)

TRADE NAMES: DialSafe SL

10/8/19 (Item 8 from file: 621)

DIALOG(R)File 621:(c) 2006 The Gale Group. All rts. reserv.

01008268 Supplier Number: 39573615 (USE FORMAT 7 FOR FULLTEXT)

"MULTI-LINE COMPUTER SECURITY SYSTEM"

August 20, 1985

Word Count: 290

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Backus Data Systems

GEOGRAPHIC NAMES: *1U9CA (California)

PRODUCT NAMES: *3662364 (Access Control Systems)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 33429 (Other Communications Equipment Manufacturing)

TRADE NAMES: DialSafe 18

10/8/20 (Item 1 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

01211384 SUPPLIER NUMBER: 04689669 (USE FORMAT 7 OR 9 FOR FULL TEXT)

For your ears only: PC security modems. (Hardware Review) (evaluation)

Feb 24, 1987

WORD COUNT: 2100 LINE COUNT: 00160

SPECIAL FEATURES: illustration; table; photograph

COMPANY NAMES: Anderson Jacobson Inc.--Products; Cermetek
Microelectronics Inc.--Products
DESCRIPTORS: Modem; Benchmark; Evaluation; Security; Passwords; Data
Security; Communications Equipment; Access Controls; Performance
TRADE NAMES: Cermetek Microelectronics Security Modem (Modem)--evaluation
; CXR Telcom AJ 2412-AD3H (Modem)--evaluation
FILE SEGMENT: CD File 275

10/8/21 (Item 2 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

01103751 SUPPLIER NUMBER: 00590205 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Remote Access: Not a Piece of Cake Anymore.

Nov. 20, 1984

WORD COUNT: 2238 LINE COUNT: 00168

DESCRIPTORS: Modem; Data Security; Access Controls; Microcomputer;
Personal Computers; Security
FILE SEGMENT: CD File 275

10/8/22 (Item 3 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

01103351 SUPPLIER NUMBER: 00594604 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Modems Debut at Interface.

March 20, 1984

WORD COUNT: 549 LINE COUNT: 00044

DESCRIPTORS: Microcomputer; Modem; New Product; Review; Trade Show;
Compatibility
TRADE NAMES: Optelcom 4131 Modem; Data Sentry; 224 Superduplex
FILE SEGMENT: CD File 275

10/8/23 (Item 4 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

01086682 SUPPLIER NUMBER: 00546346

Security: The Perils of Passwords.

May, 1984

DESCRIPTORS: Security; Access Controls; Access Rights; Memory; Memory
Protection; Passwords; User Identification
FILE SEGMENT: CD File 275

10/8/24 (Item 5 from file: 275)

DIALOG(R)File 275:(c) 2006 The Gale Group. All rts. reserv.

01050108 SUPPLIER NUMBER: 00571703

Security and the Long Arm of the Modem.

Aug., 1984

DESCRIPTORS: Access Controls; Medical Offices; Security Systems; Computer
Crimes
FILE SEGMENT: CD File 275

10/8/25 (Item 1 from file: 9)

DIALOG(R)File 9:(c) 2006 The Gale Group. All rts. reserv.

00542255 Supplier Number: 23037972 (USE FORMAT 7 OR 9 FOR FULLTEXT)

UK - Secure IT Remote Access Modem Software Intro'd

July 06, 1994

WORD COUNT: 506

COMPANY NAMES: INFORMER SYSTEMS

INDUSTRY NAMES: Software

PRODUCT NAMES: Utility software packages (737242)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

10/8/26 (Item 1 from file: 20)

DIALOG(R)File 20:(c) 2006 Dialog. All rts. reserv.

12692342 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Lesson Is Investor Beware as Internet Hoax Sabotages Emulex Shares

September 03, 2000

WORD COUNT: 1661

COMPANY NAMES: Emulex Corp

COUNTRY NAMES/CODES: United States of America (US)

REGIONS: Americas; North America; Pacific Rim

PROVINCE/STATE: California

SIC CODES/DESCRIPTIONS: 7375 (Information Retrieval Services)

NAICS CODES/DESCRIPTIONS: 514191 (On-Line Information Services)

10/8/27 (Item 1 from file: 636)

DIALOG(R)File 636:(c) 2006 The Gale Group. All rts. reserv.

02305963 Supplier Number: 44475157 (USE FORMAT 7 FOR FULLTEXT)

MARKETPLACE

March, 1994

Word Count: 799

PUBLISHER NAME: Elsevier Science, Inc.

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); GOVT (Government and Law); INTL (Business, International)

10/8/28 (Item 2 from file: 636)

DIALOG(R)File 636:(c) 2006 The Gale Group. All rts. reserv.

02089357 Supplier Number: 43853481 (USE FORMAT 7 FOR FULLTEXT)

DIAL-A-FAX PAVES WAY FOR NEW IMAGING APPLICATIONS

May 24, 1993

Word Count: 1101

PUBLISHER NAME: Phillips Business Information, Inc.

INDUSTRY NAMES: BUSN (Any type of business); TELC (Telecommunications)

10/8/29 (Item 3 from file: 636)

DIALOG(R)File 636:(c) 2006 The Gale Group. All rts. reserv.

02087101 Supplier Number: 43847017 (USE FORMAT 7 FOR FULLTEXT)

DIAL-A-FAX PAVES WAY FOR NEW IMAGING APPLICATIONS

May 19, 1993

Word Count: 1101
PUBLISHER NAME: Phillips Business Information, Inc.
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

10/8/30 (Item 4 from file: 636)

DIALOG(R)File 636:(c) 2006 The Gale Group. All rts. reserv.

01231723 Supplier Number: 41252110 (USE FORMAT 7 FOR FULLTEXT)

Dial-back Security

April, 1990

Word Count: 315

PUBLISHER NAME: Elsevier Science, Inc.

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); GOVT (Government and Law); INTL (Business, International)

10/8/31 (Item 1 from file: 631)

DIALOG(R)File 631:(c) 2006 Boston Globe. All rts. reserv.

01633270

TECHNOLOGY CODES MAY STOP COMPUTER THEFT EVEN IF PEOPLE STILL GET INTO SECRET COMPUTER FILES, ALL THEY WILL SEE IS GIBBERISH TEENAGE "HACKERS" MAY HAVE BEEN GETTING THE HEADLINES, BUT MANY BANKERS AND HIGH-TECH EXECUTIVES NOW BELIEVE THAT THE REAL DANGER COMES FROM PROFESSIONALS OUT TO STEAL MILLIONS.

MONDAY December 12, 1983

Word Count: 1,426

10/8/32 (Item 1 from file: 13)

DIALOG(R)File 13:(c) 2006 The Gale Group. All rts. reserv.

00521871 Supplier Number: 23656977 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Internet Security: The Business Challenge

October 1996

WORD COUNT: 2011

COMPANY DEPARTMENT NAME: Information Technology

CONCEPT TERMS: Internet; Network management; Security

10/8/33 (Item 2 from file: 13)

DIALOG(R)File 13:(c) 2006 The Gale Group. All rts. reserv.

00517627 Supplier Number: 23658458 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Secure Trading on the Net

October 1996

WORD COUNT: 2941

GRAPHICS TYPE: Diagram

COMPANY DEPARTMENT NAME: Information Technology

CONCEPT TERMS: Electronic commerce; Internet; Security

? t s10/7/30

10/7/30 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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